



SEQUENCE LISTING

<110> WEIGEL, Detlef  
KARDAILSKY, Igor

<120> FLOWERING LOCUS T (FT) AND GENETICALLY  
MODIFIED PLANTS HAVING MODULATED FLOWER DEVELOPMENT

<130> SALKINS.026DV1

<140> 09/845,849

<141> 2001-04-30

<150> 09/060,726

<151> 1998-04-15

<160> 13

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 856

<212> DNA

<213> Arabidopsis thaliana

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atccgtttaa tagatcaatc actctaaagg ttacttatgg ccaaagagag gtgactaatg 180  
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ttttctacaa ttgtcgagg gagatgtggct gcggaggaaag aagactttat atggcttctt 600  
ccttataac caattgatat tgcatctc gatgagattt atgcatctat agtattttaa 660  
ttaataacc attttatgat acgagtaacg aacgggtatg atgcctatag tagttcaata 720  
tataagtgtg taataaaaaat gagagggggga ggaaaatgag agtgtttac ttatatagtg 780  
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Gly Gln Arg Glu Val Thr Asn Gly Leu Asp Leu Arg Pro Ser Gln Val  
35 40 45  
Gln Asn Lys Pro Arg Val Glu Ile Gly Gly Glu Asp Leu Arg Asn Phe  
50 55 60  
Tyr Thr Leu Val Met Val Asp Pro Asp Val Pro Ser Pro Ser Asn Pro

65	70	75	80
His	Leu	Arg	Glu
Tyr	Leu	His	Trp
85	90	95	
Thr	Gly	Thr	Phe
			Gly
			Asn
			Glu
			Ile
			Val
			Cys
			Tyr
			Glu
			Asn
			Pro
			Ala
			Thr
100	105	110	
Pro	Thr	Ala	Gly
Ile			
115	120	125	
Gly	Arg	Gln	Thr
			Val
			Tyr
			Ala
			Pro
			Gly
			Trp
			Arg
			Gln
			Asn
			Phe
			Asn
			Thr
130	135	140	
Arg	Glu	Phe	Ala
			Glu
			Ile
			Tyr
			Asn
			Leu
			Gly
			Leu
145	150	155	160
Phe	Tyr	Asn	Cys
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			Arg
			Glu
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 aacaatataa acacgacacg atgaattcct gcagtgggac ttggattttc gtaacacaca 480  
 atctcattgc caaagggtgt tccagttgtc gcaggatcat cagtcaccaa ccaatggaga 540  
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 gatctattaa acggatcaag aacgtctcca acaactctgc ttactataag agggtctctt 780  
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 35 40 45

Pro Leu Glu Leu His Trp Val Ile Pro Gly Thr Thr Asp Phe Gly Lys  
50 55 60  
Glu Val Tyr Glu Pro Arg Pro Gly Ile His Arg Val Phe Val Leu Phe  
65 70 75 80  
Arg Gln Gln Arg Gly Ser Arg Phe Asn Thr Arg Phe Ala Tyr Asp Leu  
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<210> 7  
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<213> Rattus norvegicus

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35 40 45  
Pro Asp Ala Pro Ser Pro Ser Pro Arg Glu Trp His Trp Val Val Asp  
50 55 60  
Ile Pro Gly Thr Ser Gly Lys Glu Ile Tyr Pro Arg Pro Pro Gly Ile  
65 70 75 80  
His Arg Tyr Val Leu Phe Arg Gln Leu Gly Ser Arg Asn Thr Arg Phe  
85 90 95  
Ala Asp Leu Gly Leu Pro Val Ala Val Phe Asn Ala Gln Arg Glu Ala

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Arg Arg Arg  
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<213> Antirrhinum majus

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20 25 30  
Val Glu Ile Gly Asp Leu Arg Tyr Thr Leu Val Met Asp Pro Asp Pro  
35 40 45  
Ser Pro Ser Pro Leu Arg Glu Leu His Trp Leu Val Asp Ile Pro Thr  
50 55 60  
Thr Phe Gly Glu Ile Val Tyr Glu Pro Pro Gly Ile His Arg Val Phe  
65 70 75 80  
Leu Phe Arg Gln Arg Gly Arg Asn Phe Asn Thr Arg Phe Ala Tyr Leu  
85 90 95  
Gly Leu Pro Val Ala Ala Val Phe Asn Gln Arg Glu Arg Arg  
100 105 110

<210> 13  
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<212> PRT

<213> Homo sapiens

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Pro Val Asp Leu Ser Lys Trp Ser Gly Pro Leu  
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